

A.2.30 AOC 15 Investigation and Results

As depicted on Figure A.2.26, AOC 15 is located entirely within the AOC8-NF6 LNAPL Area, where a pipe manifold connects the Refinery to the Buckeye Pipeline. The manifold is located in the North Field. It was included as an AOC due to a manifold leak in the 1970's that released an unknown volume of diesel product on the ground. The release was contained on the ground surface. The oil was recovered with vacuum pumps and the area was subsequently excavated. Sometime after the spill and subsequent cleanup, free phase hydrocarbons floating on water were observed during excavation work unrelated to the release that was being conducted in the unit area. Chevron believes that the LNAPL observed during the excavation is part of LNAPL area AOC 8-NF 6.

As shown on Figure A.2.26 and summarized on Table A.2.26, one subsurface soil sample was collected and analyzed for Skinner's List VOCs and SVOCs and TPH during the 1st-Phase Soils Investigation. During the 1st-Phase Groundwater Investigation, a hydropunch groundwater sample was collected and analyzed for Skinner's List VOCs and SVOCs. Benzene and other VOCs were detected above the applicable delineation criteria in both the soil and groundwater sample.

Due to the presence of LNAPL Area AOC 8-NF 6, AOC 15 has been the subject of ongoing characterization and delineation, as discussed in detail in Section 7. As stated previously, Chevron believes that the petroleum impacts observed at AOC 15 are part of the AOC 8-NF 6 LNAPL Area. Therefore, Chevron recommends that this area should be combined with the AOC 8-NF 6 LNAPL Area for further evaluation in the CMS, and that AOC 15 be eliminated from the HSWA Permit.